

alkyne-cholesterol

27-norcholest-5-en-25-yn-3 β -ol

700146P-1mg

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Molecular Weight	368.595
Chemical Formula	C ₂₆ H ₄₀ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5210PGB010
Avanti Lot Number	700146P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (7:3 Hexane:Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 386.595 $\pm$ 1 amu	[M+NH ₄] ⁺ = 386.5 amu

Approved by:



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